

Applicants note that the substitute specification and marked up copy are identical except for indication of changes in the margin of the marked up copy. Additionally, the substitute specification includes hand written Cys linkages that were in the application as filed originally. In the interest of brevity, the Cys linkages were not been added to the marked up copy.

No new matter has been added to the substitute specification .

IN THE SPECIFICATION:

After page 82 of the substitute specification and before the claims as filed originally, please add the following pages 83-121 of the sequence listing and renumber the claims and abstract accordingly.

REMARKS

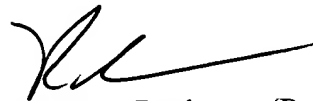
Prior to examination of the substitute specification, Applicant respectfully requests entry of the attached "Sequence Listing". Included with the submission is a computer readable copy of the sequence listing, a paper copy (numbered), and a paper copy (no numbers). The computer readable form submitted herewith is the same as the "Sequence Listing" to which it is indicated to relate. All papers accompanying this submission introduce no new matter.

The Commissioner is authorized to charge deposit account no. **04-1105** for any fee deemed necessary to consider this submission.

Early consideration and allowance of the application are earnestly solicited.

Respectfully submitted,

Date: 2 July 03



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